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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	09/519,935
Filing Date	Mar. 7, 2000
First Named Inventor	Tom Wucherer
Group Art Unit	2171
Examiner Name	Al-Hashemi, Sana A.
Attorney Docket Number	TRIRG-08331US0

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
SA	4,799,156			Shavit et al.	01-17-1989	
SA	4,870,576			Tornetta	09-26-1989	
SA	4,972,318			Brown et al.	11-20-1990	
SA	4,992,940			Dworkin	02-12-1991	
SA	5,528,490			Hill	06-18-1996	
SA	5,666,493			Wojcik et al.	09-09-1997	
SA	5,694,551			Doyle et al.	12-02-1997	
SA	5,710,887			Chelliah et al.	01-20-1998	
SA	5,715,314			Payne et al.	02-03-1998	
SA	5,742,931			Spiegelhoff et al.	04-21-1998	
SA	5,754,850			Janssen	05-19-1998	
SA	5,758,327			Gardner et al.	05-26-1998	
SA	5,758,328			Giovannoli	05-26-1998	
SA	5,761,674			Ito	06-02-1998	
SA	5,765,142			Allred et al.	06-09-1998	
SA	5,768,142			Jacobs	06-16-1998	
SA	5,842,178			Giovannoli	11-24-1998	
SA	5,847,971			Ladner et al.	12-08-1998	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴			
SA		WO 01 63449	A	Empriva Inc.	08-30-2001	
SA		WO 01 67279	A	Marnell Corrao Assoc.	09-13-2001	
SA		JP 07271569	A	Hitachi Software	10-20-1995	
SA		WO 98 43155	A	MCI Comm. Corp.	10-01-1998	
SA		EP 0 959 421	A	Autodesk Inc.	11-24-1999	

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Signature

/Sana Al Hashemi/ (08/22/2006)

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Application Number	09/519,935
Filing Date	Mar. 7, 2000
First Named Inventor	Tom Wucherer
Group Art Unit	2171
Examiner Name	Al-Hashemi, Sana A.
Attorney Docket Number	TRIRG-08331US0

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SA		http://www.fedcenter.com printed 5/22/2000	
		http://www.rent.net printed 5/22/2000	
		http://www.apartments.com printed 5/22/2000	SEP 04 2002
		http://www.us.buy.com printed 5/22/2000	Technology Center 2100
		http://www.designmanager.com printed 3/6/2002	
		THOMAS A. WUCHERER, "An Architectural Design Program Computer Data Base" December 1987	
		TOM FIELD, "Reengineering the Engineering Business", CIO Magazine Feb. 1, 1998	
		P. KRISTOFF, et al., "The Process Specification System for MMST", IEEE TRANSACTIONS OF SEMICONDUCTOR MANUFACTURING, vol. 8, no. 3, Aug. 1995, pp. 262-271	
		J. MCGEE, et al., "The MMST Computer-Integrated Manufacturing System Framework", IEEE TRANSACTIONS ON SEMICONDUCTOR MANUFACTURING, vol. 7, no. 2, May 1994, pp. 107-116	
		T-K PENG, et al., "A Step Toward STEP-Compatible Engineering Data Management: The Data Models of Product Structure And Engineering Changes", ROBOTICS AND COMPUTER INTEGRAT MANUFACTURING, vol. 14, no. 2, April 1, 1998, pp. 89-109	
↓		HORI, et al., "OpenMES: Scalable Manufacturing Execution Framework Based On Distributed Object Computing", SYSTEMS, MAN AND CYBERNETICS, 1999, IEEE SMC '99 Conf. Proceeding: 1999 IEEE Int'l Conf., Tokyo, Japan, Oct. 12-15, 1999, pp. 398-403	

Examiner Signature	/Sana Al Hashemi/ (08/22/2006)	Date Considered
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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p> <p>Sheet 3 of 5</p>				<p>Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>09/519,935</td> </tr> <tr> <td>Filing Date</td> <td>Mar. 7, 2000</td> </tr> <tr> <td>First Named Inventor</td> <td>Tom Wucherer</td> </tr> <tr> <td>Group Art Unit</td> <td>2171</td> </tr> <tr> <td>Examiner Name</td> <td>Al-Hashemi, Sana A.</td> </tr> <tr> <td>Attorney Docket Number</td> <td>TRIRG-08331US0</td> </tr> </table>		Application Number	09/519,935	Filing Date	Mar. 7, 2000	First Named Inventor	Tom Wucherer	Group Art Unit	2171	Examiner Name	Al-Hashemi, Sana A.	Attorney Docket Number	TRIRG-08331US0
Application Number	09/519,935																
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document	Name of Patentee or Applicant of Cited Document	Data of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number			
SA	5,895,454		Harrington	04-20-1999	
	5,899,980		Wilf et al.	05-04-1999	
	5,903,877		Berkowitz et al.	05-11-1999	
	5,926,798		Carter	07-20-1999	
	5,932,459		Sittlinger et al.	08-03-1999	
	5,946,665		Suzuki et al.	08-31-1999	
	5,950,173		Perkowski	09-07-1999	
	5,956,709		Xue	09-21-1999	
	5,970,472		Allson et al.	10-19-1999	
	5,970,475		Barnes et al.	10-19-1999	
	5,974,395		Bellini et al.	10-26-1999	
	5,999,915		Nahan et al.	12-07-1999	RECEIVED
	6,002,855		Ladner et al.	12-14-1999	SEP 04 2002
	6,009,413		Webber et al.	12-28-1999	Technology Center 210
	6,014,644		Erickson	01-11-2000	
	6,026,376		Kenney	02-15-2000	
	6,047,290		Kennedy et al.	04-04-2000	
	6,064,982		Puri	05-16-2000	
V	4,700,318		Ockman	10-13-1987	
	5,189,606		Burns et al.	02-23-1993	

Examiner Signature	/Sana Al Hashemi/ (08/22/2006)	Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 10

Complete if Known

Application Number	09/519,935
Filing Date	Mar. 7, 2000
First Named Inventor	Tom Wucherer
Group Art Unit	2171
Examiner Name	Al-Hashemi, Sana A.
Attorney Docket Number	TRIRG-08331US0

Sheet 4 of 10

Attorney Docket Number TRIBG-08331US0

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
SA	5,303,144			Kawashima et al.	04-12-1994	
	5,526,520			Krause	06-11-1996	
	5,655,118			Heindel et al.	08-05-1997	
	5,668,736			Douglas et al.	09-16-1997	
	5,689,705			Fino et al.	11-18-1997	
	5,755,072			Lingafelter	05-26-1998	
	5,761,674			Ito	06-02-1998	
	5,793,632			Fad et al.	08-11-1998	
	5,799,286			Morgan et al.	08-25-1998	
	5,799,318			Cardinal et al.	08-25-1998	
	5,815,829			Zargar	09-29-1998	
	5,826,252			Wolters, Jr., et al.	10-20-1998	
	5,893,082			McCommick	04-06-1999	
	5,924,094			Sutter	07-13-1999	
	5,950,206			Krause	09-07-1999	
	5,970,490			Morgenstern	10-19-1999	
	5,983,010			Murdock et al.	11-09-1999	
	6,012,066			Discount et al.	01-04-2000	
V	6,029,174			Sprenger et al.	02-22-2000	
	6,037,945			Loveland	03-14-2000	

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FOREIGN PATENT DOCUMENTS

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/Sana Al Hashemi/ (08/22/2006)

Date
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Part 1 of 4: Information Disclosure Statement (17 CFR 1.31)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	09/519,935
Filing Date	Mar. 7, 2000
First Named Inventor	Tom Wucherer
Group Art Unit	2171
Examiner Name	Al-Hashemi, Sana A.
Attorney Docket Number	TRIRG-08331US0

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/Sana Al Hashemi/ (08/22/2006)

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U.S. Department of Commerce, Patent and Trademark Office				Attorney Focket No.:	Serial No.:		
				M-8331 US	09/519,925		
INFORMATION DISCLOSURE STATEMENT BY <i>O I P E</i> (Use several sheets if necessary)				Applicant(s):	RECEIVED		
				Thomas A. Wurcherer et al.	SEP 20 2000		
				Filing Date:	Group/TECH CENTER 2711		
				March 7, 2000	2783		
➤ U.S. PATENT DOCUMENTS <							
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
SA	AA	4,578,768	March 24, 1996	Marsh V. Racine	364	560	
	AB	4,700,318	October 13, 1987	Stuart Ockman	364	518	
	AC	4,970,666	November 13, 1990	William T. Welsh et al.	364	522	
	AD	5,189,606	February 23, 1993	Thomas J. Burns et al.	364	401	
	AE	5,303,144	April 12, 1994	Kazuhiro Kawashima et al.	364	401	
	AF	5,526,520	June 11, 1996	Gary M. Krause	395	600	
	AG	5,655,118	August 5, 1997	Lee Edward Heindel et al.	395	614	
	AH	5,668,736	September 16, 1997	Edwin S. Douglas et al.	364	512	
	AI	5,689,705	November 18, 1997	Timothy A. Fino et al.	395	617	
	AJ	5,755,072	May 26, 1998	Kenneth Lingafelter	52	741.1	
	AK	5,761,674	June 2, 1998	Kenji Ito	707	104	
	AL	5,793,632	August 11, 1998	Bruce Fad et al.	364	464.1	
	AM	5,799,286	August 25, 1998	James Joseph Morgan et al.	705	30	
	AN	5,799,318	August 25, 1998	David J. Cardinal et al.	707	104	
	AO	5,815,829	September 29, 1998	Dara Zargar	705	30	
	AP	5,826,252	October 20, 1998	Richard Arthur Wolters, Jr. et al.	707	1	
	AQ	5,832,494	November 3, 1998	Daniel Egger et al.	707	102	
	AR	5,848,410	December 8, 1998	Jeffrey J. Walls et al.	707	4	
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	AU	5,899,990	May 4, 1999	Lynn M. Maritzen et al.	707	4	
	AV	5,918,227	June 29, 1999	Dean Polnerow et al.	707	10	
	AW	5,924,094	July 13, 1999	Herbert P. Sutter	707	10	
	AX	5,940,820	August 17, 1999	Keiji Kagiwada	707	3	
	AY	5,950,206	September 7, 1999	Gary Matthew Krause	707	104	
▼	AZ	5,970,490	October 19, 1999	Matthew Morgenstern	707	10	

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U.S. Department of Commerce, Patent and Trademark Office		Attorney Docket No.: M-8331 US	Serial No.: 09/519,935
INFORMATION DISCLOSURE STATEMENT BY (Use several sheets if necessary)		Applicant(s): Thomas A. Wurcherer et al.	RECEIVED
		Filing Date: March 7, 2000	SEP 20 2000 Group Art Unit: TECH CENTER 2783 2700
		➤ U.S. PATENT DOCUMENTS, continued ◄	

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
SA	BA	5,983,010	November 9, 1999	Jeffrey Earl Murdock et al.	395	500.27	
	BB	6,003,039	December 14, 1999	Tim Barry et al.	707	103	
	BC	6,012,006	January 4, 2000	Alan Discount	707	103	
	BD	6,029,174	February 22, 2000	Jeff H. Sprenger et al.	707	103	
	BE	6,037,945	March 14, 2000	James B. Loveland	345	420	
	BF	6,038,547	March 14, 2000	Robin L. Casto	705	30	
▼	BG	6,044,205	March 28, 2000	Drummond Shattuck Reed et al.	395	200.31	
	BH	6,044,382	March 28, 2000	Rocco L. Martino	707	505	

➤ OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) ◄

SA	BI	Field, Tom, "Reengineering the Engineering Business," http://www.cio.com/archive/020198_black_content.html ; June 19, 2000, 6 pages.

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